

Figure 1

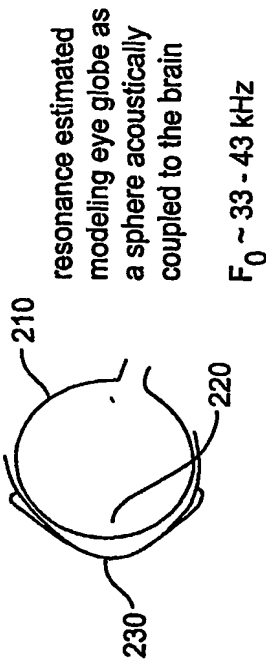


Figure 2A

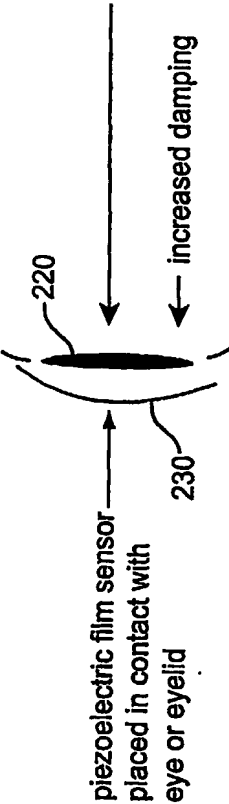


Figure 2B

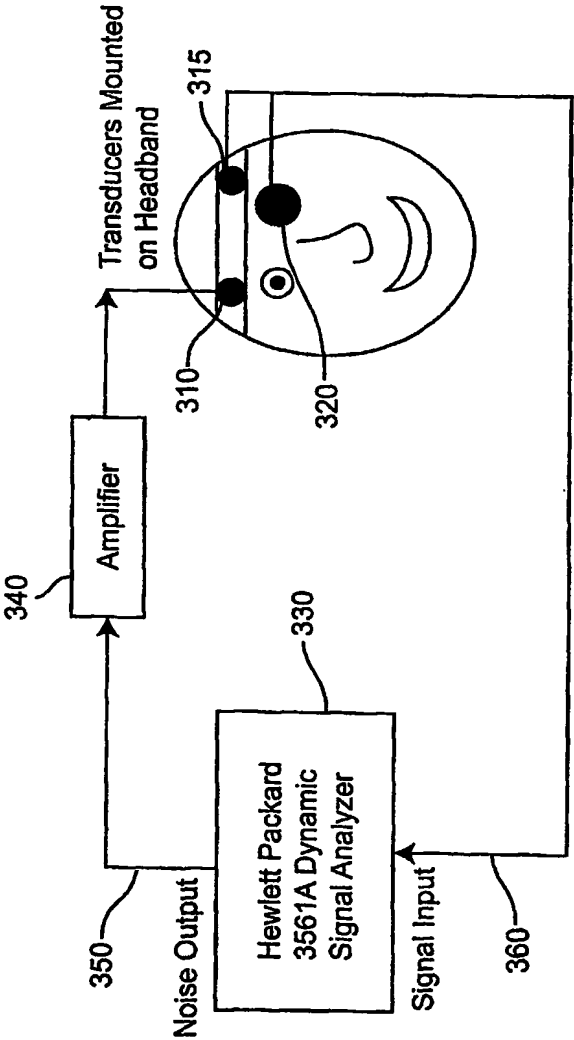


Figure 3

4/10

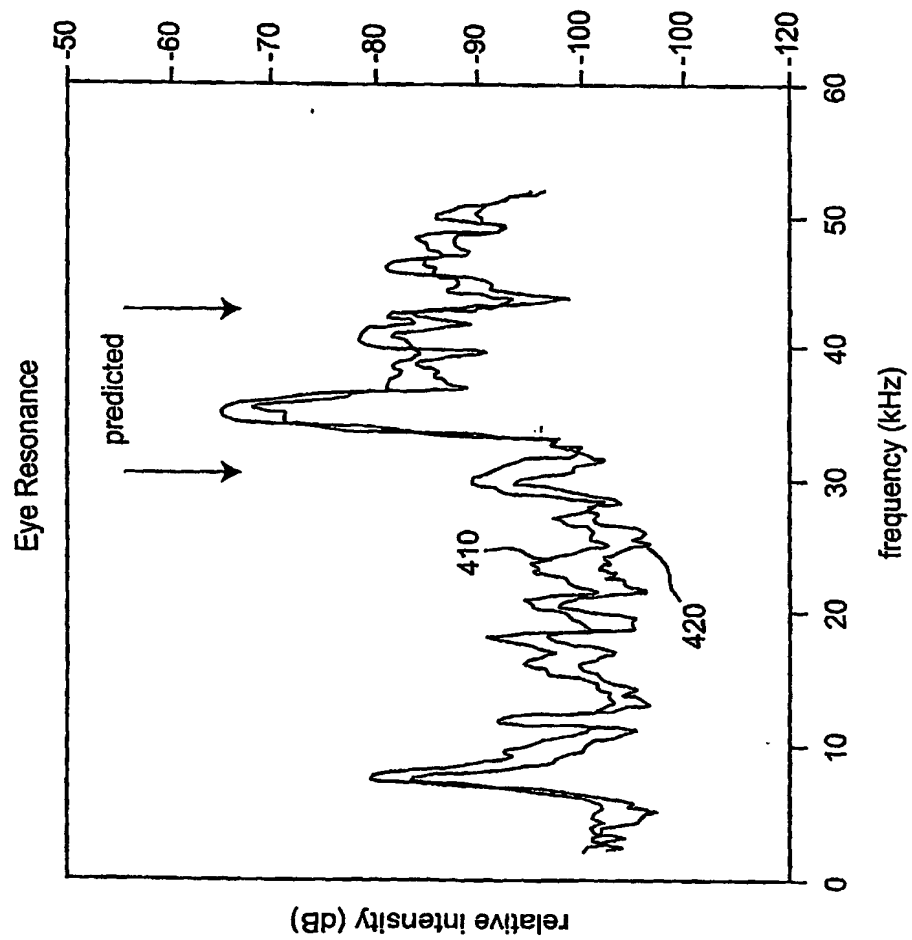


Figure 4

Direct ICP measurement (calibration)

510	520	530
Patient	Invasive Method Monitoring	ICP
HB	Ventriculostomy	7 mm Hg.
GC	Ventriculostomy	11 mm Hg.
GJ	Ventriculostomy	15 mm Hg.
RR	Ventriculostomy	20 mm Hg.
BP	Ventriculostomy	18 mm Hg.

Figure 5

6/10

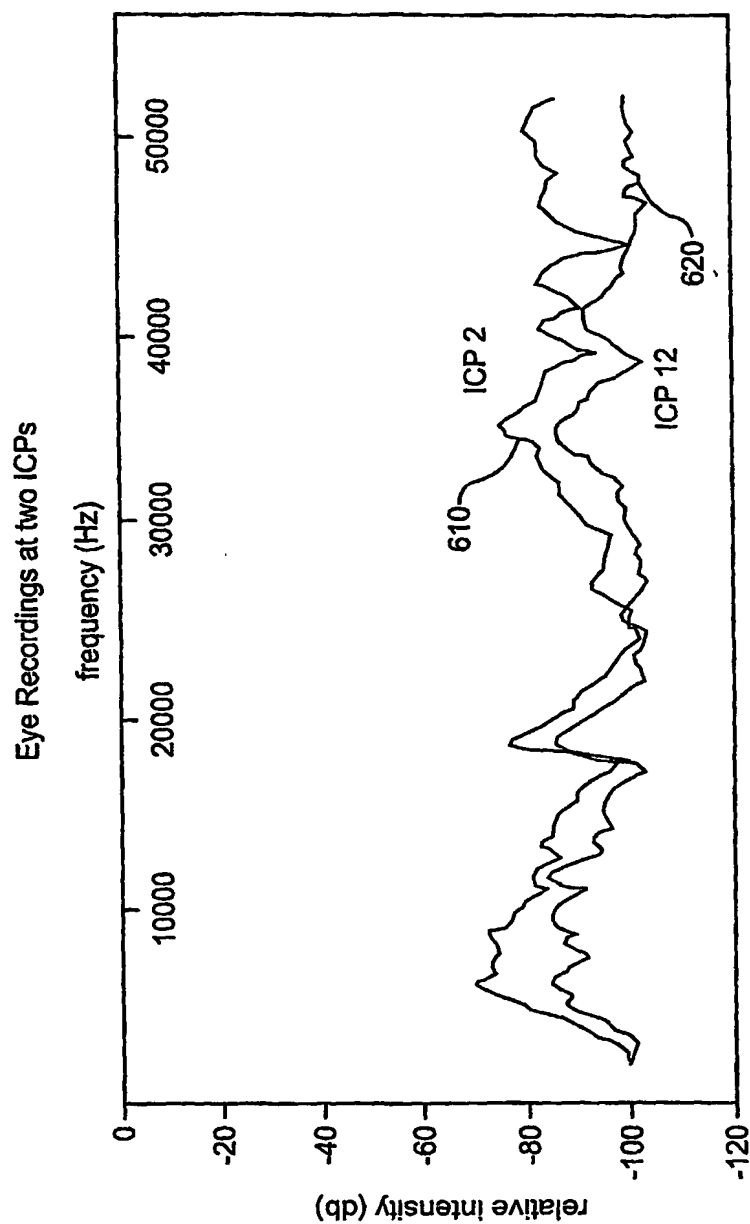


Figure 6

7/10

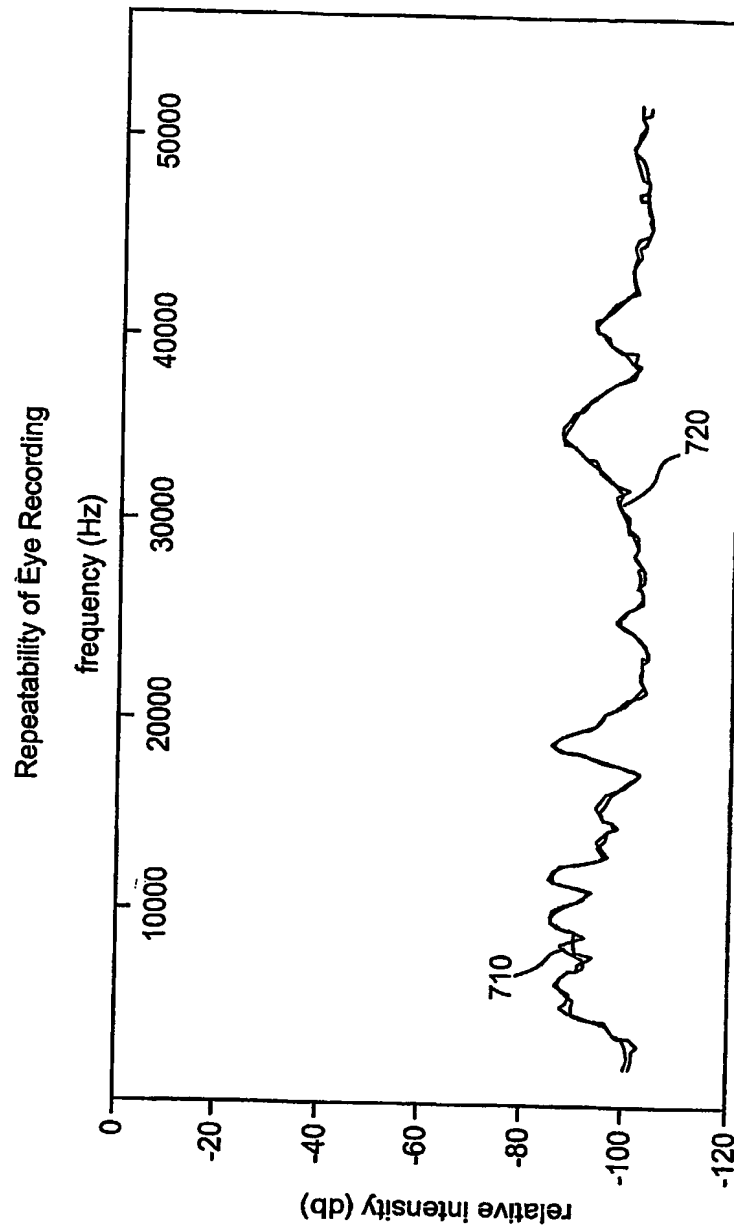


Figure 7

8/10

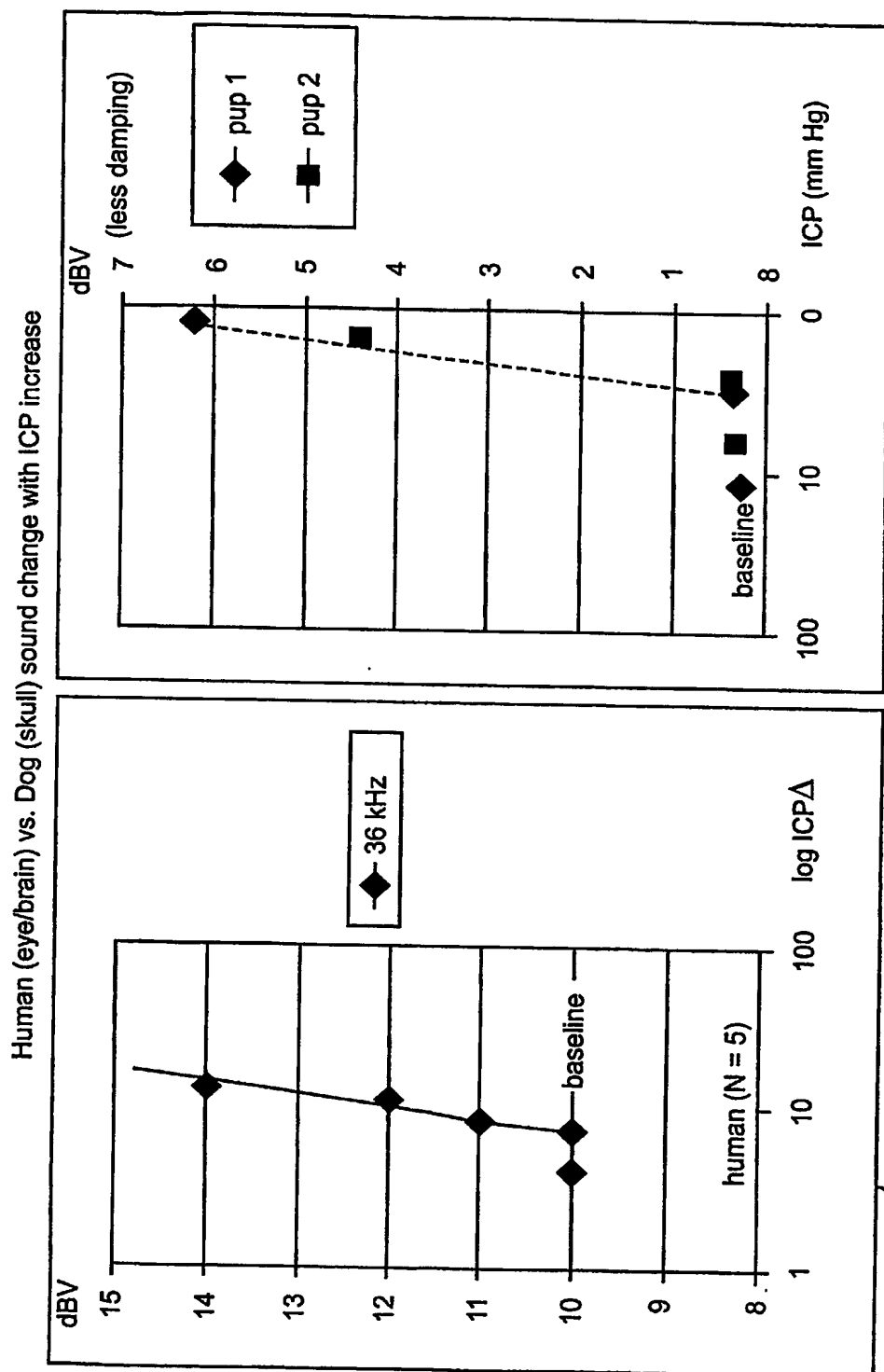


Figure 8



9/10

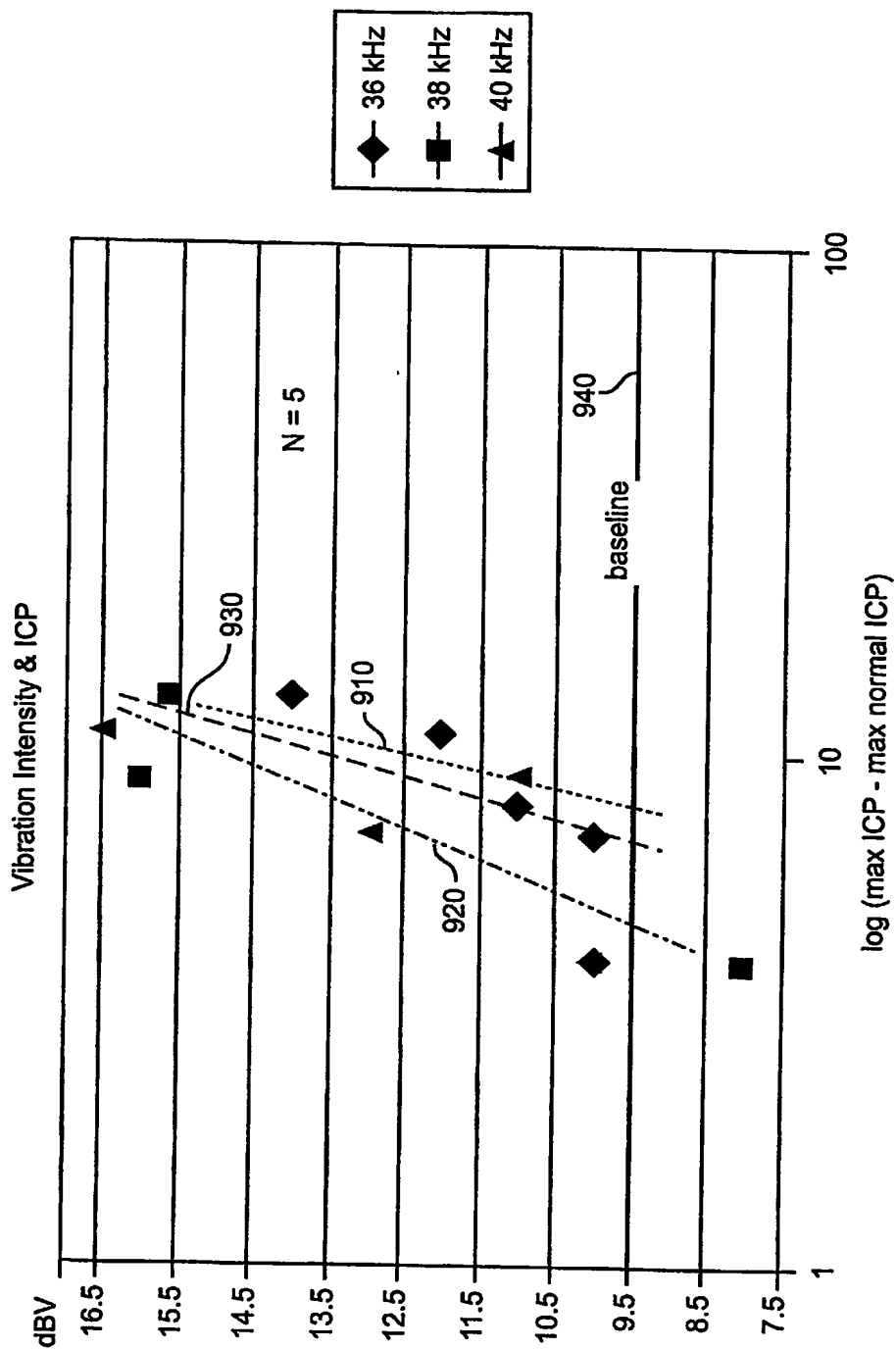


Figure 9

ICP values between patients (N = 5)

ICPΔ	ΔdBV	ICPΔ	ΔdBV
• 11 - 7	-4.7*	• 7 - 11	-4.7*
• 11 - 15	10.3*	• 7 - 15	9.2*
• 11 - 18	13*	• 7 - 20	11.3*
• 11 - 20 Hg	12.9*		

\* significant at the  $p = 0.0001$  level

Figure 10